

L Number	Hits	Search Text	DB	Time stamp
1	11	"neural network" and phase-lock	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 07:26
2	6	("neural network" and phase-lock) and @AD<20000128		2003/07/17 07:26

L Number	Hits	Search Text	DB	Time stamp
1	74	706/30	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:14
2	73	706/30 and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:20
3	373	706/15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:20
4	271	706/15 and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:25
5	260	706/26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:25
6	213	706/26 and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:29
7	94	"neural network" and phased and weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:28
8	43	("neural network" and phased and weight) and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 13:29

L Number	Hits	Search Text	DB	Time stamp
1	115	(neural network) and phased-locked	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:33
2	90	((neural network) and phased-locked) and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20
3	0	((neural network) and phased-locked) and @ad<20000128) and recurrent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:36
4	12	((neural network) and phased-locked) and @ad<20000128) and bandpass	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:02
5	1	"6581046"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:18
6	0	"neural network" and phased-based and weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20
7	0	"neural network" and phased-based	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20
8	195	"neural network" and phased	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20
9	111	("neural network" and phased) and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20
10	89	("neural network" and phased) and @ad<20000128) and phase	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:20

11	84	((("neural network" and phased) and @ad<20000128) and phase) and based	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:21
12	33	((("neural network" and phased) and @ad<20000128) and phase) and based) and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 09:21

L Number	Hits	Search Text	DB	Time stamp
1	115	(neural network) and phased-locked	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:33
2	90	((neural network) and phased-locked) and @ad<20000128	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:36
3	0	((neural network) and phased-locked) and @ad<20000128) and recurrent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:36
4	12	((neural network) and phased-locked) and @ad<20000128) and bandpass	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/17 08:37

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.4

Welcome
United States Patent and Trademark Of

Help FAQ Terms IEEE Peer Quick Links ▾

» Se

Review

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Your search matched **8** of **950522** documents.
Results are shown **15** to a page, sorted by **publication year in descending order**.

Results:

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Synchronization of MEMS resonators and mechanical neurocomput***Hoppensteadt, F.C.; Izhikevich, E.M.;*

Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on, Volume: 48 Issue: 2, Feb. 2001

Page(s): 133 -138

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) **IEEE JNL****2 Pattern recognition via synchronization in phase-locked loop neural networks***Hoppensteadt, F.C.; Izhikevich, E.M.;*

Neural Networks, IEEE Transactions on, Volume: 11 Issue: 3, May 2000

Page(s): 734 -738

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE JNL****3 Class 1 neural excitability, conventional synapses, weakly connected networks, and mathematical foundations of pulse-coupled models***Izhikevich, E.M.;*

Neural Networks, IEEE Transactions on, Volume: 10 Issue: 3, May 1999

Page(s): 499 -507

[\[Abstract\]](#) [\[PDF Full-Text \(224 KB\)\]](#) **IEEE JNL****4 Weakly pulse-coupled oscillators, FM interactions, synchronization of oscillatory associative memory***Izhikevich, E.M.;*

Neural Networks, IEEE Transactions on, Volume: 10 Issue: 3, May 1999

Page(s): 508 -526

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE JNL****5 Theoretical foundations of pulse-coupled models***Izhikevich, E.M.;*

Neural Networks Proceedings, 1998. IEEE World Congress on Computational

Intelligence. The 1998 IEEE International Joint Conference on , Volume: 3 , 1998
Page(s): 2547 -2550 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) **IEEE CNF**

6 Thalamo-cortical interactions modeled by forced weakly connected oscillatory networks

Hoppensteadt, F.C.; Izhikevich, E.M.;

Neural Networks,1997., International Conference on , Volume: 1 , 9-12 June
Page(s): 328 -331 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) **IEEE CNF**

7 Canonical models for mathematical neuroscience

Hoppensteadt, F.C.; Izhikevich, E.M.;

Neural Networks,1997., International Conference on , Volume: 1 , 9-12 June
Page(s): 324 -327 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

8 Associative memory of weakly connected oscillators

Hoppensteadt, F.C.; Izhikevich, E.M.;

Neural Networks,1997., International Conference on , Volume: 2 , 9-12 June
Page(s): 1135 -1138 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Of

Help FAQ Terms IEEE Peer Review

Quick Links

» Se

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Print Format

Your search matched **8** of **950522** documents.
Results are shown **15** to a page, sorted by **publication year in descending order**.

Results:Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Synchronization of MEMS resonators and mechanical neurocomput***Hoppensteadt, F.C.; Izhikevich, E.M.;*Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on
Volume: 48 Issue: 2 , Feb. 2001

Page(s): 133 -138

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) **IEEE JNL****2 Pattern recognition via synchronization in phase-locked loop neural networks***Hoppensteadt, F.C.; Izhikevich, E.M.;*

Neural Networks, IEEE Transactions on , Volume: 11 Issue: 3 , May 2000

Page(s): 734 -738

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE JNL****3 Thalamo-cortical interactions modeled by forced weakly connected oscillatory networks***Hoppensteadt, F.C.; Izhikevich, E.M.;*

Neural Networks, 1997., International Conference on , Volume: 1 , 9-12 June

Page(s): 328 -331 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) **IEEE CNF****4 Canonical models for mathematical neuroscience***Hoppensteadt, F.C.; Izhikevich, E.M.;*

Neural Networks, 1997., International Conference on , Volume: 1 , 9-12 June

Page(s): 324 -327 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF****5 Investigation of minimum inventory variability scheduling policies semiconductor manufacturing facility***Collins, D.W.; Hoppensteadt, F.C.;*

American Control Conference, 1997. Proceedings of the 1997 , Volume: 3 , 4

1997

Page(s): 1924 -1928 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(516 KB\)\]](#) **IEEE CNF**

6 Implementation of Minimum Inventory Variability Scheduling 1-Step Policy(R) in a large semiconductor manufacturing facility

Collins, D.W.; Williams, K.; Hoppensteadt, F.C.;

Emerging Technologies and Factory Automation Proceedings, 1997. ETFA '97, 6th International Conference on, 9-12 Sept. 1997

Page(s): 497 -504

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) **IEEE CNF**

7 Associative memory of weakly connected oscillators

Hoppensteadt, F.C.; Izhikevich, E.M.;

Neural Networks, 1997., International Conference on, Volume: 2, 9-12 June

Page(s): 1135 -1138 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**

8 Computer simulation of a neural prism

Hoppensteadt, F.C.;

Circuits and Systems, 1989., Proceedings of the 32nd Midwest Symposium on Aug. 1989

Page(s): 238 -239 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) **IEEE CNF**

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark OfHelp FAQ Terms IEEE Peer
Review

Quick Links

>>Se

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Print Format

Your search matched **20** of **950522** documents.

A maximum of **20** results are displayed, **50** to a page, sorted by **Relevance** in **descending** order. You may refine your search by editing the current search expression or entering a new one the text box. Then click **Search Again**.

((neural network) and phased-locked) and ((1950 <in> py) or (1951 <in> py) or (1952 <in> py))

Results:Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 A neural net for processing of stationary signals in the auditory system***Berthommier, F.; Demongeot, J.; Schwartz, J.L.;*

Artificial Neural Networks, 1989., First IEE International Conference on (Conf. I No. 313), 16-18 Oct 1989

Page(s): 287 -291

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEE CNF****2 Proceedings of the IEEE 1988 Custom Integrated Circuits Conference No.88CH2584-1)**

Custom Integrated Circuits Conference, 1988., Proceedings of the IEEE 1988, May 1988

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) **IEEE CNF****3 1988 IEEE International Symposium on Circuits and Systems. Proceedings (Cat. No.88CH2458-8)**

Circuits and Systems, 1988., IEEE International Symposium on, 7-9 June 1988

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) **IEEE CNF****4 Phase-locking of artificial neural oscillators can perform dynamic role binding and inferencing***Lange, T.E.; Vidal, J.J.; Dyer, M.G.;*

Neural Networks, 1989. IJCNN., International Joint Conference on, 18-22 June 1989

Page(s): 595 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(88 KB\)\]](#) **IEEE CNF**

5 Modeling of oscillatory activity of neuron assemblies of the visual cortex

Borisuk, G.N.; Borisuk, R.M.; Kirillov, A.B.; Kryukov, V.I.; Singer, W.;

Neural Networks, 1990., 1990 IJCNN International Joint Conference on , 17-21 1990

Page(s): 431 -434 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

6 Knowing how to juggle: dynamical basis of a complex, learned skill

Beek, P.;

Neural Networks, 1990., 1990 IJCNN International Joint Conference on , 17-21 1990

Page(s): 645 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(60 KB\)\]](#) **IEEE CNF**

7 Sensory segmentation by neural oscillators

Buhmann, J.; Von Der Malsburg, C.;

Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on , ii , 8-14 July 1991

Page(s): 603 -607 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) **IEEE CNF**

8 Discrete-time cellular neural networks using digital neuron model with DPLL

Ueda, T.; Takahashi, K.; Ho, C.-Y.; Mori, S.;

Cellular Neural Networks and their Applications, 1992. CNNA-92 Proceedings., International Workshop on , 14-16 Oct. 1992

Page(s): 252 -257

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) **IEEE CNF**

9 The bifurcating neuron: building block for a new generation of artificial neural networks

Farhat, N.H.;

Neural Networks, 1992. IJCNN., International Joint Conference on , Volume: 1 June 1992

Page(s): 39 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(60 KB\)\]](#) **IEEE CNF**

10 Innovative idea: an oscillatory associative memory

Brown, A.G.; Collins, S.;

Microelectronics for Neural Networks and Fuzzy Systems, 1994., Proceedings of Fourth International Conference on , 26-28 Sept. 1994

Page(s): 186 -191

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE CNF**

11 Using analog neutral networks for control sensor linearization

Dempsey, G.L.; Alig, J.S.; Redfield, D.E.;

Circuits and Systems, 1995., Proceedings., Proceedings of the 38th Midwest Symposium on , Volume: 1 , 13-16 Aug. 1995

Page(s): 73 -76 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE CNF**

12 Informational processing on time sequential input with coupled non oscillators

Kajiya, K.; Yoshikawa, K.;

Micro Machine and Human Science, 1995. MHS '95., Proceedings of the Sixth International Symposium on , 4-6 Oct. 1995

Page(s): 235 -240

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) **IEEE CNF**

13 Control sensor linearization using a microcontroller-based neural ne

Dempsey, G.L.; Alt, N.L.; Olson, B.A.; Alig, J.S.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation 1997 IEEE International Conference on , Volume: 4 , 12-15 Oct. 1997

Page(s): 3078 -3083 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) **IEEE CNF**

14 Digital pulse logic-a new paradigm for the hardware realization of combinational and sequential digital logic

Chaudhary, A.; Jayadeva; Dutta Roy, S.C.;

TENCON '98. 1998 IEEE Region 10 International Conference on Global Connect Energy, Computer, Communication and Control , Volume: 1 , 17-19 Dec. 1998

Page(s): 124 -127 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

15 Phase-locked loop with neurocontroller

Liu Wei-Ping; Chiang Chin-Kan;

SICE '98. Proceedings of the 37th SICE Annual Conference. International Session Papers , 29-31 July 1998

Page(s): 1133 -1138

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

16 Fault diagnosis of mixed signal VLSI systems using artificial neural networks

Nissar, A.I.; Upadhyaya, S.J.;

Mixed-Signal Design, 1999. SSMSD '99. 1999 Southwest Symposium on , 11-1999

Page(s): 93 -98

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) **IEEE CNF**

17 On the effect of the stimulus on the synchronization of coupled Rose-Hindmarsh neurons

Guler, M.; Ergun, C.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 3 , 24-27 July 2000

Page(s): 127 -132 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEEE CNF**

18 Compact analogue neural network: a new paradigm for neural based combinatorial optimisation

Jayadeva; Dutta Roy, S.C.; Chaudhary, A.;

Circuits, Devices and Systems, IEE Proceedings- , Volume: 146 Issue: 3 , June

Page(s): 111 -116

[\[Abstract\]](#) [\[PDF Full-Text \(576 KB\)\]](#) **IEE JNL**

19 Simulation of mixed switched-capacitor/digital networks with signal-driven switches

Suyama, K.; Fang, S.-C.; Tsividis, Y.P.;

Solid-State Circuits, IEEE Journal of , Volume: 25 Issue: 6 , Dec. 1990

Page(s): 1403 -1413

[\[Abstract\]](#) [\[PDF Full-Text \(780 KB\)\]](#) **IEEE JNL**

20 Pattern recognition via synchronization in phase-locked loop neural networks

Hoppensteadt, F.C.; Izhikevich, E.M.;

Neural Networks, IEEE Transactions on , Volume: 11 Issue: 3 , May 2000

Page(s): 734 -738

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved